Fluid Phase Equilibria, 45 (1989) 311–312
Elsevier Science Publishers B.V., Amsterdam – Printed in The Netherlands

Contents Volume 45 (1989)

Volume 45, No. 1

Editorial v
Estimation of infinite dilution activity coefficients of hydrocarbons in water from molar refraction
N.V.K. Dutt and D.H.L. Prasad (Hyderabad, India) 1–5
Thermodynamic properties of fluid carbon dioxide from the SSR–MPA potential
M. Luckas and K. Lucas (Duisburg, F.R.G.) 7–23
Correlation of the solubility of even-numbered paraffins $C_{20}H_{42}$, $C_{24}H_{50}$, $C_{26}H_{54}$, $C_{28}H_{58}$ in pure hydrocarbons
U. Domańska and J. Rolińska (Warsaw, Poland) 25–38
A simple equation of state incorporating association
A. Anderko (Warsaw, Poland) 39–67
Hard convex body expansion (HCBE) conformal solution method for predicting vapor–liquid equilibria
Y.J. Kwon and T.W. Leland (Houston, TX, U.S.A.) 69–93
Excess molar volumes of γ-butyrolactone and *n*-alkanol mixtures at 298.15 K
S.F. Al-Azzawi and M.A. Salman (Baghdad, Iraq) 95–101
Fluid-phase and crystallization equilibria of the binary system nitrogen + dimethylpropane between 190 and 300 K and at pressures up to 200 MPa
H. Reisig and G.M. Schneider (Bochum, F.R.G.) 103–114
Liquid–liquid equilibrium in the system glycerol–water–acetone at 25 °C
R. Krishna (Dehra Dun, India), C.Y. Low, D.M.T. Newsham, C.G. Olivera-Fuentes and A. Paybarah (Manchester, U.K.) 115–120
Thermodynamic properties of binary liquid mixtures of cycloalkanol + *n*-alkanes
H. Kaur, J.R. Khurma and B.S. Mahl (Ludhiana, India) 121–133

Volume 45, Nos 2–3

Thermophysical properties of pure polar and non-polar compounds with a modified VdW-711 equation of state
I.P. Androulakis, N.S. Kalospiros and D.P. Tassios (Athens, Greece) 135–163
Calculation of constants in the Trebble–Bishnoi equation of state with an extended corresponding states approach
M.A. Trebble (Calgary, Alb., Canada) 165–172
Mutual solubilities of water and hydrocarbons from an equation of state. Need for an unconventional mixing rule
S. Michel, H.H. Hooper and J.M. Prausnitz (Berkeley, CA, U.S.A.) 173–189

0378-3812/89/$03.50 © 1989 Elsevier Science Publishers B.V.

Thermodynamics of mixtures containing bromoalkanes. II. Excess enthalpies of mixtures of 1-bromoalkane with cyclohexane, with benzene, or with tetrachloromethane. Measurement and analysis in terms of group contributions (DISQUAC)
N. García-Lisbona, I. García Vicente, J. Muñoz Embid, I. Velasco (Zaragoza, Spain), S. Otin and H.V. Kehiaian (Paris, France) 191–203

Thermodynamics of mixtures containing iodoalkanes. II. Excess enthalpies of mixtures of 1-iodoalkane + cyclohexane, + benzene, or + tetrachloromethane. Measurement and analysis in terms of group contributions (DISQUAC)
M.J. Soriano, I. Velasco (Zaragoza, Spain), S. Otin and H.V. Kehiaian (Paris, France) 205–216

Prediction of the consolute curve for CH_4–CF_4 with a WCA-type perturbation theory
B. Almeida (Lisbon, Portugal), M. Bohn and J. Fischer (Bochum. F.R.G.) . . . 217–228

Phase equilibria and the Landau–Ginzburg functional
E.B. Nauman and N.P. Balsara (Troy, NY, U.S.A.) 229–250

Free energies of mixing
S.I. Sandler (Newark, DE, U.S.A.), J. Fischer and F. Reschke (Bochum, F.R.G.) 251–264

Solid–liquid–gas equilibria in multicomponent supercritical fluid systems
R.M. Lemert and K.P. Johnston (Austin, TX, U.S.A.) 265–286

Pure compound and cross second virial coefficients for n-amylamine–alcohol systems at 363.15 K. Measurements with a low pressure Burnett-type apparatus
J.A. Abusleme and J.H. Vera (Montreal, PQ, Canada) 287–302

Corrigenda 303–308

Author Index 309

Contents of Volume 45 (1989) 311–312